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CENTRAL INTELLIGENCE AGENCY
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1	ST/P/C	JW	11 July 61
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APPENDED DOCUMENT CONTAINS CODEWORD MATERIAL

Appended document contains classified information within
the meaning of Section 798, Title 18, United States Code.

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Approved For Release 2001/08/27 : CIA-RDP70T00666R000100120005-7

SC-07884-61

DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON 25, D. C.

IN REPLY REFER TO
Op-922B5/fb
Ser 00036P92

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11 JUL 1961

From: Director of Naval Intelligence
To: Director, Central Intelligence Agency, Office of Research and Reports

Subj: "Estimates of Production and Value of Naval Ships Produced by the Sino-Soviet Bloc 1960"; review of (S)

Ref: (a) CIA SC No. 05983/61 of 24 May 1961

Encl: (1) DNI Comments on reference (a)

1. Reference (a) has been very carefully reviewed and is considered to be a very excellent study. It is recommended that the comments submitted herewith as enclosure (1) be incorporated in the document prior to printing.

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DIRECTOR OF NAVAL INTELLIGENCE COMMENTS

1. Page 2, Line 8 - Recommend delete "possibly including closed-cycle diesel systems for submerged propulsion".

Comment: All available evidence indicates that the "F" Class is conventionally diesel powered. The evidence of closed-cycle propulsion in the "G" Class is quite tenuous.

- 25X1D 2. Page 3, Line 1 - Recommend [REDACTED] are probably nuclear powered and possibly missile equipped submarines".

Comment: ONI does not believe that sufficient evidence is yet available on which to base a conclusive statement of nuclear propulsion; hence, the inclusion of the word "probable". "Missile equipped" vice "ballistic missile equipped" is believed more appropriate in this instance, in that the possibility of cruise type missiles should not be overlooked.

3. Page 5, Line 10 - Recommend the inclusion of the total tonnage as a parenthetical expression in this sentence.

Comment: It is felt that the inclusion of the tonnage figure would provide a clearer picture of the production involved, and would also serve as an indication of relative costs.

4. Page 7, Line 15 - Recommend "about 50%" vice "over 50%".

Comment: Increase was just under 50%.

- 25X1D 5. Page 8, Line 3 - Recommend "and an unidentified class of submarine (possibly [REDACTED] probably nuclear powered."

25X1D Line 6 - Recommend "and [REDACTED] are probably nuclear powered, possibly missile equipped."

Comment: Comment #2 above applies in this instance as well.

6. Page 10, Line 2 - Recommend "during 1957" vice "in the early part of 1957".

Comment: The programs were phased out early in the year, but production continued throughout most of 1957.

7. Page 11, Line 6 - Recommend "are probably nuclear powered and in series production in shipyards...".

Comment: Comment #2 above also applies in this instance. With regard to deletion of "probably" as it applies to the shipyards, it is believed that sufficient evidence is available on which to base a conclusive statement.

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8. Page 12, Line 5 - Recommend "Unidentified submarines have been reported in both the Northern and Pacific Fleet areas. In May 1961, a new class of probable nuclear powered submarine, possibly missile equipped, was photographed in the Soviet Northern Fleet. This submarine has been designated "H" Class. There is, as yet, however, insufficient information available to classify or equate the "H" Class or any of the unidentified submarines with known project numbers".

Comment: Since the "H" Class is the only Soviet probable nuclear powered submarine which has been identified, it's inclusion in this discussion is recommended.

Line 10 - Recommend delete "possibly employing a closed-cycle diesel".

Comment: Comment #1 above applies.

25X1D 9. Page 14, [REDACTED] - The last sentence in the remarks column implies that
25X1D submarines constructed [REDACTED] at shipyard [REDACTED]
25X1D [REDACTED] are operating in the Northern Fleet. Recommend
25X1D "Because of the probable early construction at Shipyard [REDACTED] units constructed [REDACTED] at Shipyard [REDACTED] are considered likely candidates for the operational nuclear powered submarines in the Soviet Northern Fleet."

10. Page 16, Line 15 - Recommend "In 1957, a "Kotlin" Class hull was completed as a guided missile destroyer (surface-to-surface missile launcher).

Comment: ONI believes that the prototype unit of the "Kildin" Class was in advanced stages of construction as a "Kotlin", but had not yet been completed as such. The class designation "Kildin" has been accepted by NATO and replaces terms such as "modified Kotlin" or "Kotlin conversion."

11. Page 16, Line 18 - Recommend "guided missile destroyer" vice "destroyer".

Comment: Ships of the "Krupnyy" Class are DDGs, not DDs.

12. Page 17, Line 3 - Recommend "guided missile destroyer" vice "Destroyer".

Comment: The comment immediately preceding applies.

13. Page 17, Line 5 - Recommend "guided missile destroyer" vice "missile launching destroyer".

Comment: Guided missile destroyer is more appropriately descriptive. Missile launching destroyer could imply guided missiles, ballistic missiles or free rockets.

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14. Page 17, Line 5 - Recommend "which was a "Kotlin" Class destroyer hull completed as a DDG".
15. Page 17, Line 8 - Recommend "guided missile destroyer" vice "missile launching destroyer" here, and elsewhere in this and succeeding paragraphs.
16. Page 21, Line 14 - Recommend "depending on the size and complexity of the ship, the construction method used and the urgency for individual programs,Etc".
Comment: It is felt that the other factors mentioned above are also relevant to construction time.
17. Page 24, SSN - Recommend "(Probable)" under SSN in table.
Comment: Earlier comment applies.
18. Page 30 - Same as above.
19. Page 32, 1st sentence of footnote - recommend same wording as for Page 21, Line 14 (see comment above).

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